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(54) Title: ORTHOPAEDIC OPERATING SYSTEMS, METHODS, IMPLANTS AND INSTRUMENTS

(57) Abstract: Orthopaedic operating systems, operating rooms, computer aided surgical methods, trackable implants, instruments and surgical planning and IGS software applications are described. The integrated surgical system is for use in an orthopaedic operating room to enable a surgeon to carry out a computer aided surgical procedure on a subject. A subject support, wireless magnetic tracking system, registration system, at least a first display device, a control system and a surgeon interface operable by the surgeon to control operation of the plurality of parts of the integrated surgical system are provided. The method comprises determining the position of at least a first marker being wirelessly tracked by a wireless magnetic tracking system, registering the position of the body part of the subject with an image of the body part of the subject, displaying a registered image of the body part of the subject and at least an image representative of an implant, and receiving a command from a surgeon interface operable by the surgeon.